

Contents

Communications

- M. Mahajan, P.R. Subramanya and V. Vinay*
The combinatorial approach yields an NC algorithm for computing Pfaffians 1
- S. Dantas, C.M.H. de Figueiredo, S. Klein, S. Gravier and B.A. Reed*
Stable skew partition problem 17

Contributions

- E. Alvoni*
On k nearest points of a finite set in a normed linear space 23
- B.Y. Wu*
Approximation algorithms for the optimal p -source communication spanning tree 31
- R. Julian, R. Abel, S. Costa and N.J. Finizio*
Directed-ordered whist tournaments and $(v, 5, 1)$ difference families: existence results and some new classes of Z -cyclic solutions 43
- I. Caragiannis, A. Ferreira, C. Kaklamanis, S. Perennes, P. Persiano and H. Rivano*
Approximate constrained bipartite edge coloring 54
- A. Czygrinow, M. Hańckowiak and E. Szymańska*
Distributed algorithm for approximating the maximum matching 62
- E.S. Egge and T. Mansour*
132-avoiding two-stack sortable permutations, Fibonacci numbers, and Pell numbers 72
- S. Fitzpatrick, J. Janssen and R. Nowakowski*
Distributive online channel assignment for hexagonal cellular networks with constraints 84
- G. Richomme and F. Wlazinski*
Overlap-free morphisms and finite test-sets 92
- N. Sandman*
A type-B Tamari poset 110



This journal is part of **ContentsDirect**, the **free** alerting service which sends table of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: <http://contentsdirect.elsevier.com>

<i>H. Schröder, O. Sýkora and I. Vrto</i> Cyclic cutwidths of the two-dimensional ordinary and cylindrical meshes	123
<i>L. Zhao, H. Nagamochi and T. Ibaraki</i> On generalized greedy splitting algorithms for multiway partition problems	130
<i>M. Klazar</i> Extremal problems for ordered hypergraphs: small patterns and some enumeration	144
<i>S. Dantas, C.M.H. de Figueiredo and L. Faria</i> On decision and optimization (k,l) -graph sandwich problems	155
<i>A. Barbé, F. von Haeseler and G. Skordev</i> Scaling properties of generalized Carlitz sequences of polynomials	166
<i>R. Chandrasekaran, K.P.K. Nair, Y.P. Aneja and S.N. Kabadi</i> Multi-terminal multipath flows: synthesis	182
<i>K.T. Huber, V. Moulton and C. Semple</i> Replacing cliques by stars in quasi-median graphs	194
<i>P. Dankelmann, O.R. Oellermann and J.-L. Wu</i> Minimum average distance of strong orientations of graphs	204
<i>C. Padró, I. Gracia and S. Martín</i> Improving the trade-off between storage and communication in broadcast encryption schemes	213
<i>M.C. Golumbic and M. Lipshteyn</i> Chordal probe graphs	221
<i>L. Babel, B. Chen, H. Kellerer and V. Kotov</i> Algorithms for on-line bin-packing problems with cardinality constraints	238
<i>J.-P. Hamiez and J.-K. Hao</i> A linear-time algorithm to solve the Sports League Scheduling Problem (prob026 of CSPLib)	252
<i>A. Vietri</i> The complexity of arc-colorings for directed hypergraphs	266
<i>D.E. Armstrong and S.H. Jacobson</i> Polynomial transformations and data-independent neighborhood functions	272
Notes	
<i>M.R. Salavatipour</i> A polynomial time algorithm for strong edge coloring of partial k -trees	285

<i>M. Müller and M. Jimbo</i> Erasure-resilient codes from ane spaces	292
<i>B. van Velzen, H. Hamers and H. Norde</i> Characterizing convexity of games using marginal vectors	298
<i>R.B. Hayward and R. Shamir</i> A note on tolerance graph recognition	307
<i>W. Kook</i> Recurrence relations for the spectrum polynomial of a matroid	312
<i>S.K. Kim</i> Order-preserving, upward drawing of binary trees using fewer bends	318
<i>M. Sonntag and H.-M. Teichert</i> Competition hypergraphs	324
<i>J. Lee and Y.-h. Shin</i> The achromatic number of the union of cycles	330
<i>D. Marx</i> Eulerian disjoint paths problem in grid graphs is NP -complete	336
<i>B.Y. Wu</i> An improved algorithm for the k -source maximum eccentricity spanning trees	342
<i>G.J. Chang</i> The weighted independent domination problem is NP-complete for chordal graphs	351
<i>A. Dumitrescu</i> The cost of cutting out convex n -gons	353
<i>N. Lichiardopol</i> Broadcast time and connectivity	359
<i>W.-F. Wang</i> Vertex-pancyclicity of edge-face-total graphs	364
<i>A.V. Karzanov</i> Hard cases of the multifacility location problem	368
<i>V. Venkateswaran</i> Minimizing maximum indegree	374
Author Index to Volume 143	379

